

and Superscript II (Life Technologies, Gaithersburg, MD) (Wilson et al., 1998). cDNA templates are amplified with primers corresponding to the PERV *pol/env* gene boundary (ACCTCGAGACTCGGTGGAAGGG; SEQ ID NO:14) and the untranslated region 3' of the PERV *env* gene (CTGGGTTCTGGGAGGGTTAGGTTG; SEQ ID NO:15), or amplified with PB906 (5' ACGTACTGGAGGAGGGTCACCTGA 3'; SEQ ID NO:16) and PB908 (5' GTCCCGAACCCTTATAACCTCTTG 3'; SEQ ID NO:17) or PERVenv1 (sense) (5' ACCTCGAGACTCGGTGGAG; SEQ ID NO:33) and PERVenv2 (anti-sense) (5' CTGGGTTCTGGGAGGGTTAGGTTG; SEQ ID NO:34) for 30 cycles at 94°C for 30 seconds, at 60°C for 30 seconds, and at 72°C for 1 minute. The amplified products are cloned into the PCR II T-A vector (Invitrogen Corp., San Diego, CA).--